

### **Amendments to the Claims**

1-20 (Cancelled).

21. (new) A process for analyzing telecommunication network traffic comprising the steps of:

accessing a first call-processing platform;

copying a call detail record for each call processed by said platform;

sorting the call detail record;

extracting a selected set of call parameters from said call detail record;

aggregating said parameters at intervals;

comparing said parameters with a projected change in customer traffic; and

forecasting one of (i) network resources required, and (ii) cost effectiveness based on said comparison.

22. (new) The process of claim 21 wherein said extracting step comprises: extracting a duration of each call.

23. (new) The process of claim 21 wherein said extracting step comprises: extracting an hour of day during which each call occurred.

24. (new) The process of claim 21 wherein said extracting step comprises: extracting a date on which each call occurred.

25. (new) The process of Claim 21 wherein said aggregating step comprises: summing the total duration of all calls made during each hour of each day.

26. (new) The process of claim 21 wherein said aggregating step comprises: summing the total number of calls made during each hour of each day.

27. (new) The process of claim 21 comprising:

detecting a maximum aggregated duration of calls within an hour for a selected day.

28. (new) The process of claim 21 comprising:

accessing a second call-processing platform;

copying a call detail record for each call processed by said second platform;

sorting the call detail record of said second platform;

extracting a selected set of call parameters from said call detail record of said second platform; and

aggregating said parameters of said second platform at intervals.

29. (new) The process of claim 28 comprising:

graphically plotting the selected call parameters of said first platform; and

graphically plotting a second set of selected call parameters from a second platform to compare traffic capacity differences between said first and second platforms.

30. (new) The process of claim 28 comprising:

generating a table which includes a comparison of the selected call parameters of the first platform to the selected call parameters of the second platform; and

using the table to compare traffic capacity differences between said first and second platforms.

31. (new) The process of claim 28 comprising:

determining the impact of projected traffic from a future customer on one of said first and second platforms.

32. (new)      The process of claim 28 comprising:  
  
comparing the selected call parameters of said first platform to the call parameters  
of said second platform to forecast the adequacy of network equipment.

33. (new)      A process for analyzing telecommunication network traffic  
comprising the steps of:

accessing first and second call processing platforms;  
  
copying a call detail record for each call processed by each of said first and  
second platforms;  
  
sorting the call detail records by platform;  
  
extracting a selected set of call parameters from each call detail record;  
  
aggregating said selected set of call parameters of said first and second platforms  
at intervals; and  
  
analyzing said parameters of said first and second platforms for network-traffic-  
management purposes.

34. (new)      The process of claim 33 wherein said extracting step comprises:  
  
extracting a duration of each call;  
  
extracting an hour of day during which each call occurred; and  
  
extracting a date on which each call occurred.

35. (new)      The process of Claim 34 wherein said aggregating step comprises:  
  
summing the total duration of all calls made during each hour of each day.

36. (new)      The process of claim 33 wherein said aggregating step comprises:  
  
summing the total number of calls made to each dialed number during each hour  
of each day.

37. (new) The process of claim 33 wherein said analyzing step comprises:  
graphically plotting the selected call parameters of the first platform; and  
graphically plotting the selected call parameters of the second platform to  
compare traffic capacity differences between said platforms.

38. (new) The process of claim 33 wherein said analyzing step comprises:  
generating a table which includes a comparison of the selected call parameters of  
the first platform to the selected call parameters of the second platform; and  
using the table to compare traffic capacity differences between the platforms.

39. (new) The process of claim 33 wherein the analytical step comprises:  
determining the impact of projected traffic from a future customer on one of said  
first and second platforms.

40. (new) The process of claim 33 wherein the analytical step comprises:  
comparing the selected call parameters of said first platform to the call parameters  
of said second platform to forecast the adequacy of network equipment.